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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

EPA Region 5 Records Ctr.



284579

DATE: May 24, 2002

SUBJECT: POLREP for the Lefton Iron and Metal Removal Site, East St. Louis, St. Clair County, Illinois

FROM: Kevin Turner, Michael Harris, Thomas Cook, U.S. EPA OSC, Region 5.

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POLREP #: POLREP #9 (Fund Financed)

II. BACKGROUND

Response Authority: CERCLA (# ILD984809244)
Action Memorandum Status: September 26, 2001
Completion Date: N/A

NPL Status: Non-NPL
State Notification: September 26, 2001
Start Date: October 24, 2001

Latitude: 38°36'41"N (205 South 17th Street) 38°36'29" N (1901 South Converse Street)
Longitude: 90°08'55"W 90°08'49" W

III. SITE INFORMATION

A. Incident Category

Time critical scrap steel and soil removal from a former scrap metal recycling facility.

B. Site Description

1. Site location

The Lefton Iron & Metal Site ("Site") consist of two (2) physically separated locations within the city boundaries of East St. Louis, Illinois. Lefton West, 205 South 17th Street, is bounded by railroad tracks to the northeast, 17th Street on the southeast, Brady Avenue on the southwest, and a commercial business to the northwest. Lefton East, 1901 Converse Avenue, is bordered by Brady Avenue on the northeast, 19th Street on the northwest, Converse Avenue on the southwest, and a residential area on the southeast.

2. Description of threat

See initial POLREP for details.

3. Site background

See initial POLREP for details.

4. State and local actions to date

See initial POLREP for details.

IV. SITE INFORMATION

A. Situation

1. Response activities to date

Work began on the Site in October 2001, with the following:

- Please refer to POLREP #1 regarding on-site security guard service contracted to maintain site security after regular business hours. Also refer to POLREP # 1 regarding a segregation area created to separate tires, crushed and intact drum carcasses, compressed gas cylinders, and other miscellaneous articles and the area used to sort scrap steel.
- Please refer to POLREP's # 2 and # 7 regarding the management and disposal of 14 practice (dummy) bombs.
- Please refer to POLREP # 3 regarding use of a site grid system.
- Please refer to POLREP # 4 regarding post excavation confirmation sampling activities and disposal of non-hazardous soils to the Roxana Subtitle Class "D" landfill.
- Please refer to POLREP # 5 and # 6 regarding the upgrade to the existing rail spur and economic savings obtained by rail transportation and disposal of PCB impacted soil.
- Please refer to POLREP # 6 regarding removed of one pole-mounted transformer with the local electric utility company.
- Please refer to POLREP # 7 regarding removal of two former underground storage (diesel) tanks and the disposal of three furnaces containing non-regulated N.O.R.M (naturally occurring radioactive material) firebrick into a local Subtitle Class "D" landfill.
- On May 23, 2002, a total of 33 drum carcasses were removed from a burial pit located at the Lefton East property.
- Approximately 9355 tires to date have been removed from the Site and disposed under the Illinois EPA (IEPA) tire recycling program.

B. Planned Removal Activities

- Ongoing requirements to excavate, sample, load and transport an unspecified amount of impacted soil to an off-site disposal facility. Shipments of non-hazardous and/or TSCA soils will continue as

necessary.

- Additional off-site disposal of scrap railroad ties and scrap metal will continue as necessary.
- To date, a total of 33 drums have been removed from the drum disposal pit located at the Lefton East Site. All drums were in poor condition, were not intact, very rusted, and previously crushed prior to removal by ERRS personnel. Future excavation activities may discover additional buried drums that will be managed accordingly.

C. Next Steps

- Periodic disposal of used tires through the Illinois EPA tire program will occur on an as needed basis.
- Placement and compaction of clean backfill at both the West and East Sites will occur on an as needed basis.
- Post excavation confirmation samples will be collected.

D. Key Issues

- Site activities could be delayed due to various weather conditions.
- Due to the escalating amounts of PCB impacted soils, the volume of soil for off-site disposal may vary.
- An increase of \$ 1,374,684.00 to the spending cap was approved on April 3, 2002.

E. Enforcement

- Enforcement/Cost recovery activities are pending at this time.

V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$3,304,768.32	\$ 4,297,751.00	23.10 %
START	\$ 76,764.29	\$ 106,150.00	27.68 %
EPA	\$ 39,400.00	\$ 84,900.00	54.00 %
TOTAL	\$ 3,414,932.61	\$ 4,488,801.00	23.92 %

The above accounting of expenditures is an estimate based upon figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

<u>Media</u>	<u>Waste stream</u>	<u>Quantity</u>	<u>Transportation</u>	<u>Treatment</u>	<u>Disposal</u>
Scrap	Steel	2911.50 Tons	Truck	Thermal	Recycle
RR Ties		126.41 Tons	Truck	NA	Landfill
Soil	Lead (non-hazardous)	9528.98 Tons	Truck	NA	Landfill
Soil	PCB's (TSCA)	17600.71 Tons	Rail	NA	Landfill